



*Specialized in chemicals*

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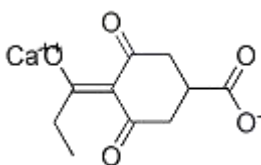
Site: www.tnjchem.com

## Technical Data Sheet

### Prohexadione calcium

#### Product Information

Chemical Name	Prohexadione calcium
CAS #	127277-53-6
Formula	C <sub>20</sub> H <sub>22</sub> CaO <sub>10</sub>
Molecular Weight	462.46
Synonyms	PROHEXADIONE-CALCIUM;VIVIFUL



Chemical Structure

#### Description

Prohexadione calcium pure white no fixed body. Original appearance is beige or light yellow amorphous solid, no smell. It is easy to decompose in acidic medium and stable in alkaline medium.

#### Specification

Items	Specification	Testing Results
Appearance	Yellow powder	Conforms
Purity	≥ 80.0%	80.3%
Insoluble matter	≤ 0.3%	0.15%
Water	≤ 1.5%	0.8%

PH	3.0~7.5	5.05
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## Applications

Prohexadione calcium can shorten the stem elongation of many plants, control the growth of crop nodes, make stems stout, plant dwarf, prevent lodging; promote fertility, promote lateral bud growth and hair root, so that the leaves remain dark green, leaves Control flowering time, improve fruit set rate, and promote fruit ripening. It can also improve plant resistance, enhance plant resistance to disease, cold and drought resistance, reduce the herbicide injury, thereby improving harvest efficiency.

## Packaging

25kgs /fiber drum

## Storage

Keep container tightly closed in a dry and well-ventilated place.

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